buttons are for user selection of communication information sent to the host. At least one sensor is a pressure-sensitive analog sensor structured for varying electrical conductance through at least three readable states or values dependant upon user selected varying depressive pressure levels applied to the associated finger depressible button. The circuitry reads the states of the analog sensor and information representing the state or value of the sensor is communicated to the host. A user can select any of a plurality of selectable pressure levels associated with analog sensor.--

AMENDMENTS IN THE CLAIMS

1. (third time amended) An improved hand-holdable remote controller structure for controlling a host device, said remote controller of the type including a housing, an electrical power source, electronic circuitry within said housing connected to said power source and including an emitter for emitting function-control signals from said housing, a plurality of finger depressible buttons exposed on said housing and interfacing with sensors electrically associated with said circuitry for allowing user selection of function-control signals emitted for controlling a host device; at least one of said sensors including a depressible dome-cap member and a pressure-sensitive variable-conductance analog material capable of providing at least three readable states of varied conductance, said states dependant upon depressive pressure <u>levels</u> applied to the variable-conductance analog material through depression of at least one of said finger depressible buttons against the dome-cap member;

wherein the improvement comprises:

said circuitry including means for reading said at least three readable states of said variable-conductance analog material and for emitting distinct function-control signals for each of at least two states of said at least three readable states,

wherein, [the] a user can select [selects] any of the selectable pressure levels, of a plurality of selectable pressure levels associated with said variable-conductance analog material.

2. (third time amended) An improved hand-holdable remote controller for controlling a host device, said remote controller of the type including a housing, an electrical power source, electronic circuitry within said housing connected to said power source and including means for outputting function-control signals from said housing, a plurality of finger depressible buttons exposed on said housing and interfacing with sensors electrically associated with said circuitry for allowing user selection of function-control signals output for controlling a host device; a plurality of said sensors read by said circuitry as sensors having only two readable states;

wherein the improvements comprise:

at least one of said sensors structured as a pressure-sensitive variable-conductance analog sensor to provide at least three readable states of varied conductance, said states dependant upon depressive pressure levels applied to the variable-conductance analog sensor;

said circuitry including means for reading said at least three readable states and for outputting distinct function-control signals for each of at least two states of said at least three readable states,

wherein, [the] a user can select [selects] any of the selectable pressure levels, of a plurality of selectable pressure levels associated with said pressure-sensitive variable-conductance analog sensor.

3. (third time amended) An improved hand-holdable remote controller for controlling a host device, said remote controller of the type including a housing, an electrical power source, electronic circuitry within said housing connected to said power

source and including an emitter positioned to emit function-control signals from said housing, a plurality of finger depressible buttons exposed on said housing and interfacing with sensors electrically associated with said circuitry for allowing user selection of function-control signals emitted for controlling a host device;

wherein the improvements comprise:

at least two of said sensors each structured to include pressure-sensitive variable-conductance analog material to provide at least three readable states of varied conductance from each sensor of said at least two of said sensors, said states dependant upon depressive pressure <u>levels</u> applied individually to the sensors of said at least two of said sensors;

said circuitry including means for reading said at least three readable states and for emitting function-control signals representative of each of at least two states of said at least three readable states;

a first sensor of said at least two of said sensors, said first sensor associated with a first button of said finger depressible buttons, said first button variably depressible to allow applying varied depressive pressure to said first sensor, said first sensor associated with means of said circuitry for reading said at least three readable states and emitting tuner channel-up selecting type of said function-control signals;

a second sensor of said at least two of said sensors, said second sensor associated with a second button of said finger depressible buttons, said second button variably depressible to allow applying varied depressive pressure to said second sensor, said second sensor associated with means of said circuitry for reading said at least three readable states and emitting tuner channel-down selecting type of said function-control signals,

wherein, [the] <u>a</u> user <u>can select</u> [selects] any of the selectable pressure levels, of a plurality of selectable pressure levels <u>associated with said at least two of said sensors</u>.

5. (third time amended) An improved hand-holdable remote controller for controlling a host device, said remote controller of the type including a housing, an electrical power source, electronic circuitry within said housing connected to said power source and including an emitter positioned to emit function-control signals outward as radiation from said housing, a plurality of finger depressible buttons exposed on said housing and interfacing with sensors electrically associated with said circuitry for allowing user selection of function-control signals emitted for controlling a host device; a plurality of said sensors read by said circuitry as sensors having only two readable states;

wherein the improvements comprise:

at least one of said sensors structured as a pressure-sensitive variable-conductance analog sensor for varying conductance through at least three readable states, said states dependant upon depressive pressure <u>levels</u> applied to an associated finger depressible button; and

said circuitry structured for reading any one state of said at least three readable states, and for emitting by said emitter

a first signal type and

a second signal type, emission of either one of the signal types determined by an amount of time of depression of said button, and said second signal type further including a signal representative of a depressive level of depressive pressure applied to said button,

wherein, [the] <u>a</u> user <u>can select</u> [selects] any of the selectable pressure levels, of a plurality of selectable pressure levels <u>associated with said pressure-sensitive variable-conductance analog sensor</u>.

11. (third time amended) A method of manufacturing an improved hand-held remote controller including the steps of: molding a housing; installing means for receiving a power source within said housing; installing electronic circuitry within said